

ABSTRACT

There is provided a method for manufacturing a silicon carbide based honeycomb structure, the method using, as a part of a starting material, a recycled raw material recycled from a recovered material generated in a process for manufacturing the silicon carbide based honeycomb structure and derived from a starting material for a silicon carbide based honeycomb structure; wherein the recycled raw material is pulverized to have an average particle size of 10 to 300 μm . According to the present invention, structure defects such as voids or coarse particles, which have been problems upon manufacturing a silicon carbide based honeycomb structure, are hardly formed, and a silicon carbide based honeycomb structure having excellent strength and uniform heat conductivity can be obtained. In addition, since a once kneaded material is used as a part of a starting material, the time for kneading can be shortened.